

Figure 1

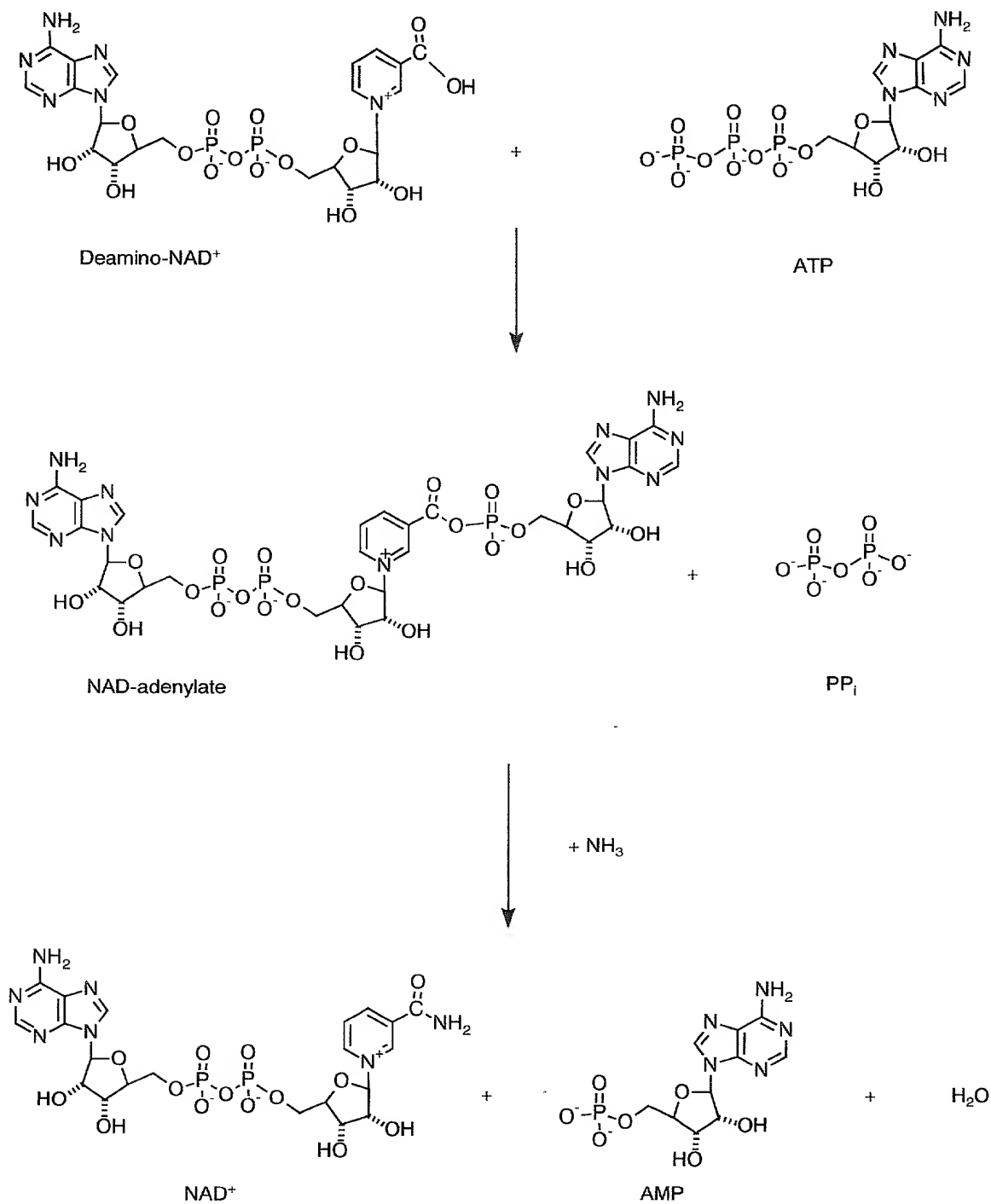
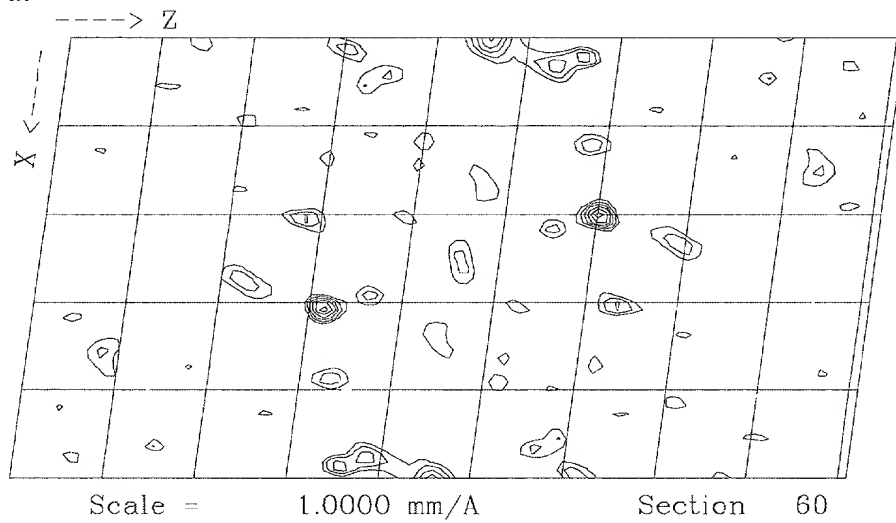


Figure 2

a.



b.

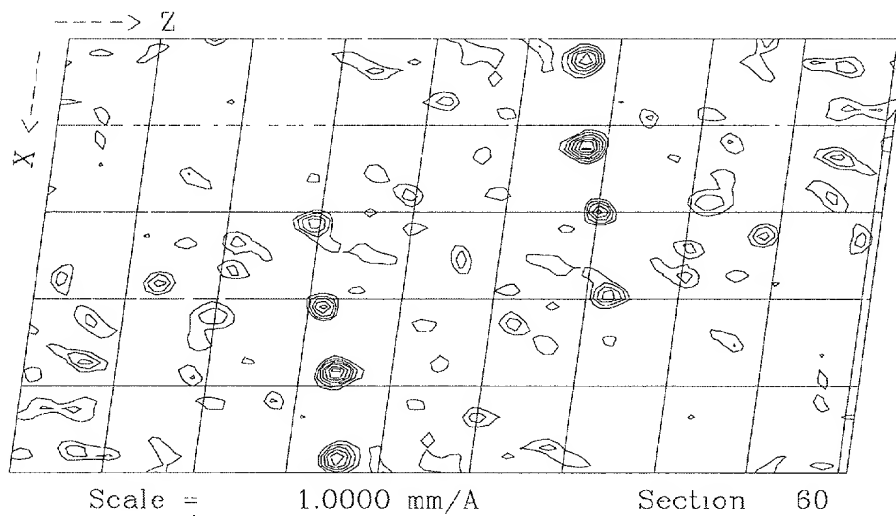
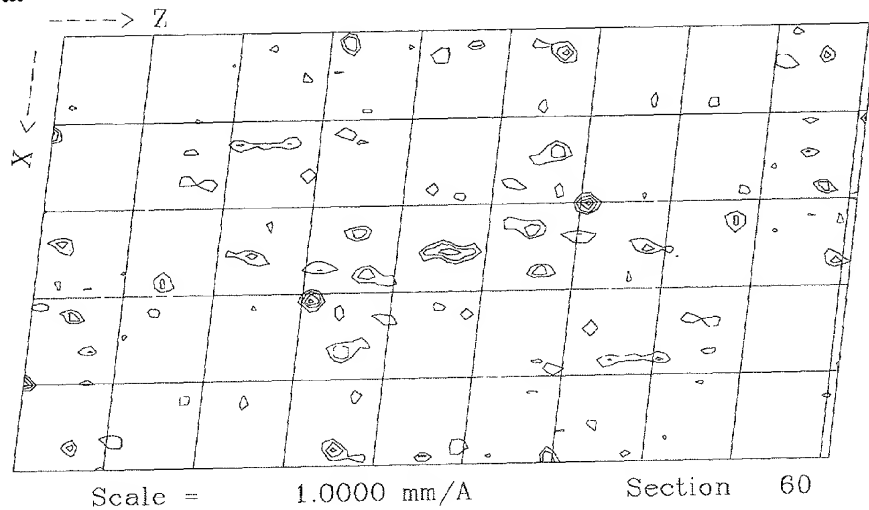


Figure 3

a.



b.

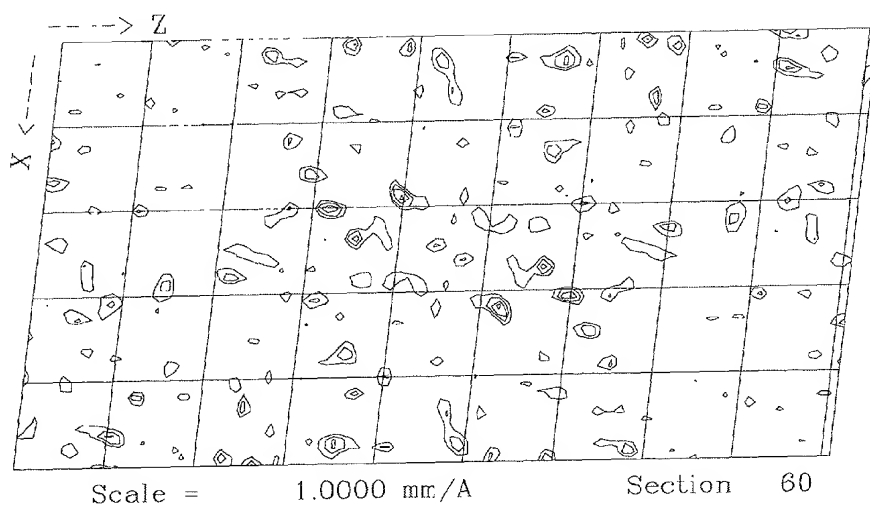
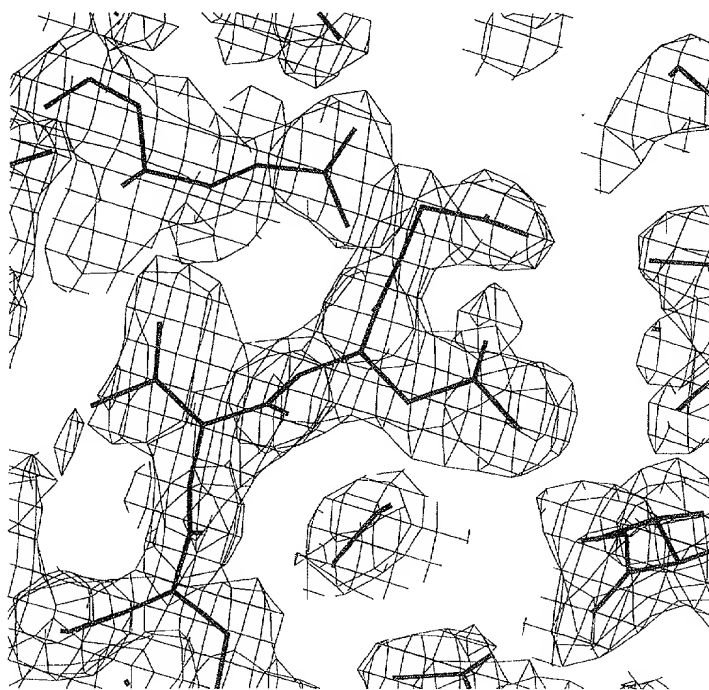


Figure 4

a.



b.

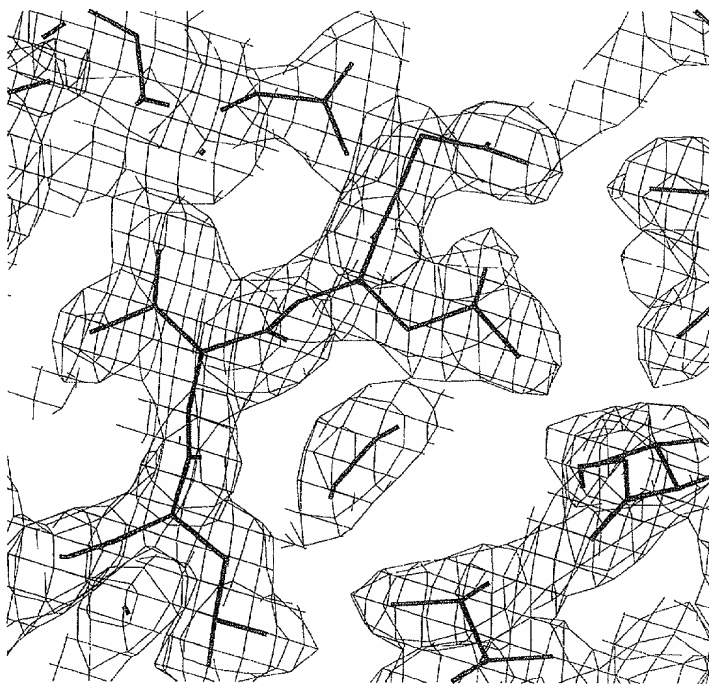


Figure 5

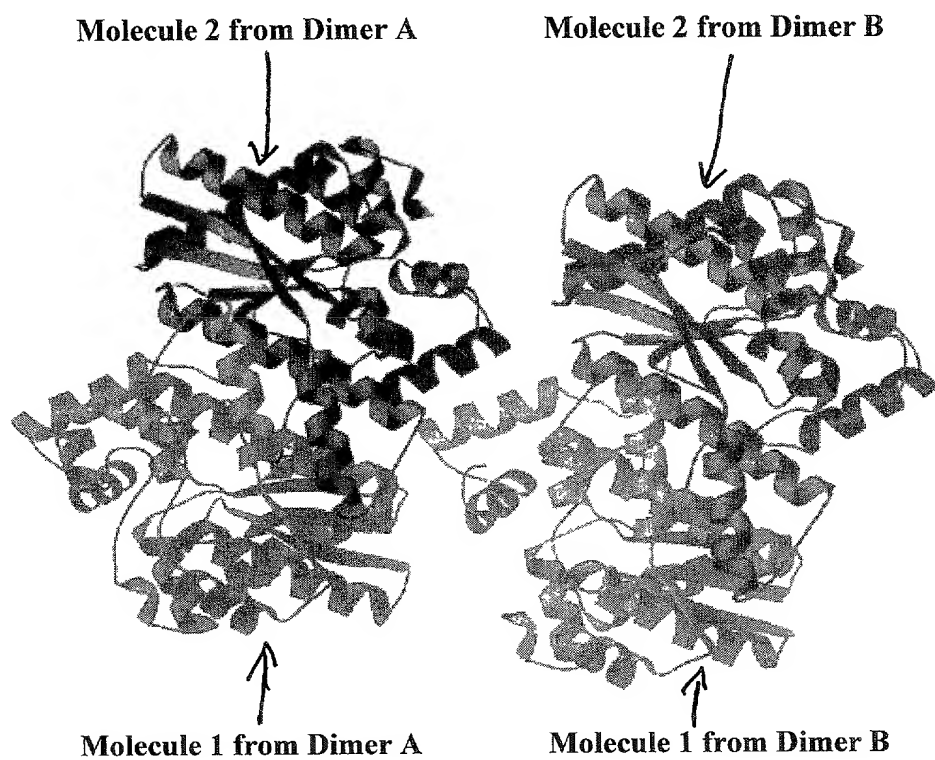


Figure 6

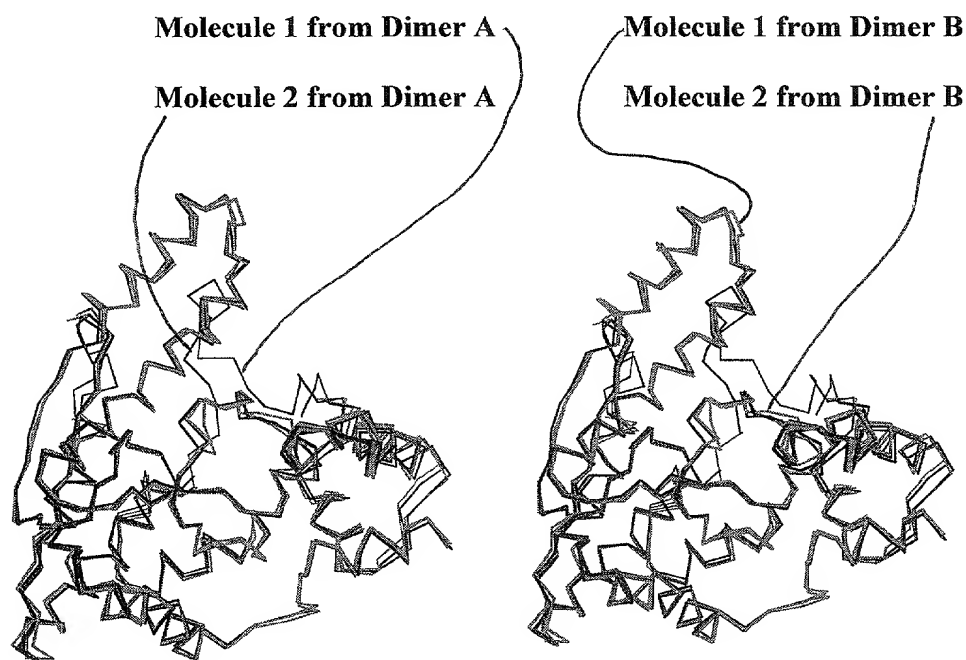
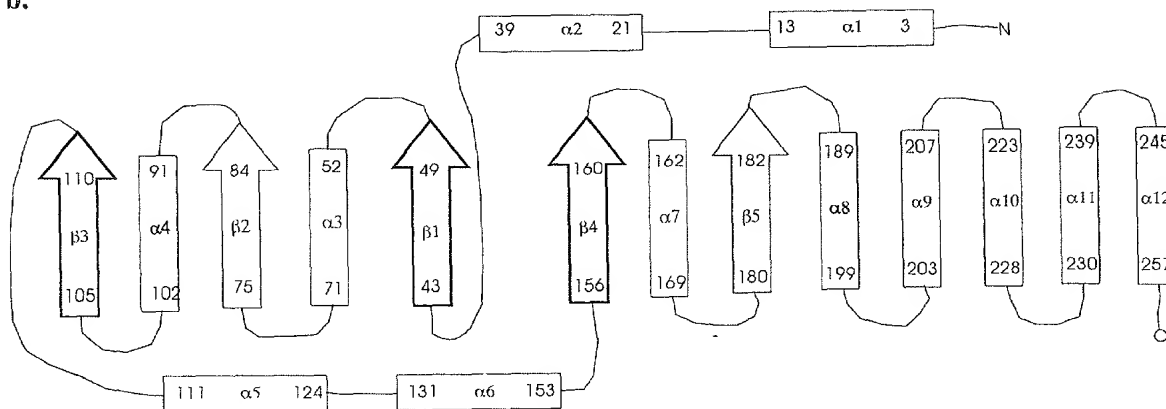


Figure 7

a.



b.



c.

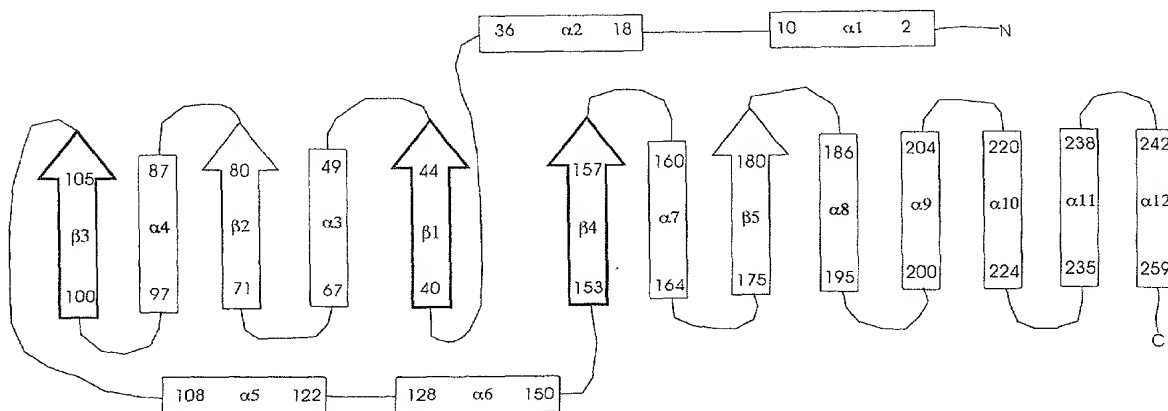
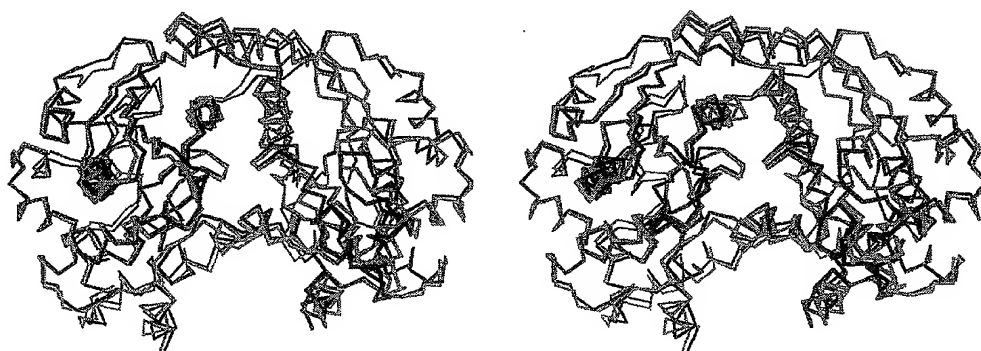


Figure 8



097259-013001
DOCKET 6315.N

Title: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF
STAPHYLOCOCCUS AUREUS NAD SYNTHETASE

Applicant(s): Timothy E. BENSON and D. Bryan Prince

Serial No.: Unassigned

Filed: Herewith

Docket: 6315.N

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Sheet 9 of 10

Figure 9

(SEQ ID NO: 2)
(SEQ ID NO: 1)

nade_bs	(1)	---	SMOEKIMRELHV	KPSIDPKQEI	EDRVNFI	KQYVK-KT	GAKGFVLGIS	1	50
nade_sa	(1)	MGSKLQDVIV	QEMKVKKR	IDSABEIM	ELKQFI	KNYVQSHS	FIKSLVLGIS		
nade_bs	(47)	GGQDSTLAGRLA	QLAVES	TREEGGDA	QFI	AVRLPH	GTQODEDDAQLAL	51	100
nade_sa	(51)	GGQDSTLVGKL	VQMSVNE	LR	EEGIDCT	FIAVRLP	YGVQKDADEVEQALRF		
nade_bs	(97)	IKPDKSWKFDI	KSTVSAFSD	QYQQET	GDQLTDF	NKGNVKAR	TRMIAQYAI	101	150
nade_sa	(101)	IEPDEIVTVNI	KPAVDQS-V	QSLKEAGI	VLTDFO	KGNEKAR	ERMKVQFSI		
nade_bs	(147)	GGQEGLLVIG	TDHAAEAV	TGFF	TKYGDG	GADLPI	TGLTKRQGR	151	200
nade_sa	(150)	ASNROGI	VVGTDHSA	ENITG	FYTKYGD	GAADIA	PIFGLNKRQGR	OLLAYL	
nade_bs	(197)	GAPERIYLKE	PTADLLDE	KPQOSDE	TELGISY	DEID	DYLEGKEVS	201	250
nade_sa	(200)	GAPKELYE	KTPTADLE	DDKPQLP	DEDALG	VITYE	AI	DNYLEGKPV	PPEEQK
nade_bs	(247)	AL	EKRYSMTE	HKRQV	PAS	ME	DDWWK-----	251	284
nade_sa	(250)	V	ENHYIRNA	HKRE	LAYTRY	T-WPK	SRSHHHHHH		

Figure 10

